ABSTRACT

A system and method that provides for using source IP addresses and MAC addresses in a network to provide security against attempts by users of the network to use false source

5   IP addresses in data packets. The system and method provide for analyzing MAC addresses and source IP addresses at the datalink (layer 2) level, and to use the information derived from such analysis to block access through a port where a host device is using a false, or spoofed, source IP address in transmitted data packets.